



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 3778

SERIAL NUMBER 10/786,782	FILING DATE 02/25/2004  RULE	CLASS 702	GROUP ART UNIT 2857	ATTORNEY DOCKET NO. VECT-0004P1/C1
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------------

## APPLICANTS

Allen L. Gilmer, Austin, TX;

Bob A. Hardage, Burnet, TX;

\*\* CONTINUING DATA \*\*\*\*\* *This application is a CIP of 09/952,430 09/14/01, US Patent NO. 6831877,*  
*OK*  
 This application is a CIP of 09/436,453 11/08/1999 ABN  
 which

\*\* FOREIGN APPLICATIONS \*\*\*\*\*  
*NONE OK*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 05/17/2004

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY TX	SHEETS DRAWING 5	TOTAL CLAIMS 30	INDEPENDENT CLAIMS 3
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature <i>[Signature]</i> Initials				

## ADDRESS

27964  
 HITT GAINES P.C.  
 P.O. BOX 832570  
 RICHARDSON, TX  
 75083

## TITLE

System and method for determining an azimuth of a seismic energy source

FILING FEE  RECEIVED 950	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---